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P R E M I U M S

OFFERED BY THE

S O C I E T Y

FOR THE ENCOURAGEMENT OF

ARTS, MANUFACTURES,

AND

C O M M E R C E,

IN

THE YEAR M.DCC.XCVI.

T O T H E  
P U B L I C.

ADELPHI-BUILDINGS,  
*April 13, 1796.*

THE chief objects of the attention of the Society for the Encouragement of Arts, Manufactures, and Commerce, in the application of their Rewards, are, Ingenuity in the several branches of the POLITE and LIBERAL ARTS, useful Discoveries and Improvements in AGRICULTURE, MANUFACTURES, MECHANICKS, and CHEMISTRY, or the laying open any such to the Public; and, in general, all such useful Inventions, Discoveries, or Improvements (though not mentioned in the Book of Premiums), as may appear to have a tendency to the advantage of Trade and Commerce. The Society therefore, in pursuance of their plan, propose to bestow the following Premiums.

*Premiums for Planting and Husbandry.*

Class 1. ACORNS. For having set, between the first of October, 1795, and the first of April, 1796, the greatest quantity of land, not less than ten acres, with Acorns, with or without seeds, cuttings, or plants of other trees, at the option of the Candidate; and for effectually fencing and preserving the same, in order to raise timber; the GOLD MEDAL.

2. For the second greatest quantity of land, not less than five acres, set agreeably to the above conditions, the SILVER MEDAL.

CERTIFICATES of setting agreeably to the above conditions, and that there are not fewer than three hundred young Oaks on each acre, to be delivered to the Society on or before the first Tuesday in November, 1796.

3. 4. The same premiums are extended one year further.

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CERTIFICATES to be produced on or before the first Tuesday in November, 1797.

5, 6. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in November, 1798.

7, 8. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in November, 1799.

9. RAISING OAKS. To the person who shall have raised, since the year 1792, the greatest number of Oaks, not fewer than five thousand, either from young plants, or acorns, in order to secure a succession of oak timber in this kingdom; the GOLD MEDAL.

10. For the next greatest number, not fewer than three thousand, the SILVER MEDAL.

## 6 AGRICULTURE.

CERTIFICATES that there were on the land, at least the number of young Oak-trees required, in a thriving condition, two years after the planting, with an account of the methods pursued in making and managing the plantation, to be produced to the Society on or before the first Tuesday in January, 1797.

11, 12. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in January, 1798.

13, 14. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in January, 1799.

15. ASCERTAINING THE BEST METHOD OF RAISING OAKS. To the person who shall ascertain in the best manner, by actual experiments, the comparative merits of the different modes of raising

## AGRICULTURE. 7

sing Oaks for timber, either from acorns set on land properly grubbed and tilled; from acorns sown at random among bushes, fern, or other cover; or from young plants, previously raised in nurseries, and transplanted; regard being had to the expence, growth, and other respective advantages of the several methods; the GOLD MEDAL.

The ACCOUNTS and proper CERTIFICATES to be produced to the Society on or before the first Tuesday in November, 1796.

16. The same premium is extended one year further. The ACCOUNTS and CERTIFICATES to be produced on or before the first Tuesday in November, 1797.

17. OAK TIMBER IN COMPASS FORMS. To the person who shall ascertain, by actual experiments, the best method of training young Oaks, so as to form Compass Timber for Ship-building, the GOLD MEDAL, or FIFTY GUINEAS.

## 8 AGRICULTURE.

CERTIFICATES of the number of Oak-plants, not fewer than one hundred, that have been trained; and that they promise, in the opinion of persons experienced in ship-building, to answer the purpose intended; to be delivered to the Society on or before the last Tuesday in December, 1805.

It is required that with the Certificates there be sent particular accounts of the age of the trees, when they were begun to be trained, and the methods pursued in training them.

Should any person have already engaged in training Oaks for the above purpose, any information on the subject will be thankfully received by the Society.

18. CHESNUTS. For having sown or set, between the first of October, 1795, and the first of April, 1796, the greatest quantity of dry loamy land, not less than six acres, with Spanish Chesnuts, with or without



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without seeds, cuttings, or plants of other trees adapted to such soil, at the option of the Candidate ; and for effectually fencing and preserving the same, in order to raise timber ; the GOLD MEDAL.

19. For the second greatest quantity, not less than four acres, the SILVER MEDAL.

CERTIFICATES of sowing or setting agreeably to the above conditions, and that there are not fewer than three hundred Chesnut plants, in a thriving state, on each acre, to be delivered to the Society on or before the first Tuesday in November, 1796.

20, 21. The same premiums are extended one year further.

CERTIFICATES to be delivered on or before the first Tuesday in November, 1797.

22, 23. The same premiums are extended one year further.

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CERTIFICATES to be delivered on or before the first Tuesday in November, 1798.

24, 25. The same premiums are extended one year further.

CERTIFICATES to be delivered on or before the first Tuesday in November, 1799.

26. ELM. For having planted the greatest number of the English Elm, not less than eight thousand, between the twenty-fourth of June, 1794, and the twenty-fourth of June, 1795; and for the having effectually fenced and preserved the same, in order to raise timber; the GOLD MEDAL.

27. For the second greatest number, not less than five thousand, the SILVER MEDAL.

CERTIFICATES of the having planted agreeably to the above conditions, that the plants were in a healthy and thriving state  
two

## AGRICULTURE. 11

two years at least after making the plantation, and specifying the distance of the plants, to be delivered to the Society on or before the first Tuesday in April, 1797.

28, 29. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in April, 1798.

30, 31. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in April, 1799.

32, 33. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in April, 1800.

34. LARCH. For having planted out between the twenty-fourth of June, 1793,  
and

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and the twenty-fourth of June, 1794, the greatest number of Larch-trees, not fewer than five thousand; and for having effectually fenced and preserved the same, in order to raise timber; the GOLD MEDAL.

35. For the next greatest number, not fewer than three thousand, the SILVER MEDAL.

CERTIFICATES of the number of plants, that they were in a healthy and thriving state two years at least after they were planted out, with a general account of the methods used in making the plantation, to be delivered to the Society on or before the last Tuesday in December, 1796.

36, 37. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the last Tuesday in December, 1797.

38, 39. The same premiums are extended one year further.

CERTI-

## AGRICULTURE. 13

CERTIFICATES to be produced on or before the last Tuesday in December, 1798.

40, 41. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the last Tuesday in December, 1799.

42, 43. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the last Tuesday in December, 1800.

*N. B.* The Larch-trees may be either planted, mixed with other trees, or by themselves, as may best suit the convenience of the planter.

44. SILVER FIR. For having planted out, between the twenty-fourth of June, 1792, and the twenty-fourth of June, 1793, in a mixed plantation of forest-trees, or separate, according to the option of the Candidate, the greatest number of Silver  
Firs,

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Firs, not fewer than two thousand; and for having effectually fenced and preserved the same, in order to raise timber; the GOLD MEDAL.

45. For the next greatest number, not fewer than one thousand, the SILVER MEDAL.

CERTIFICATES of the number of plants, that they were in a healthy and thriving state two years at least after they were planted out, with a general account of the methods used in making the plantation, to be delivered to the Society on or before the last Tuesday in December, 1796.

46, 47. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the last Tuesday in December, 1797.

48, 49. The same premiums are extended one year further.

CERTI-

## AGRICULTURE. 15

CERTIFICATES to be produced on or before the last Tuesday in December, 1798.

50. OSIERS. To the person who shall have planted, between the first of January and the first of May, 1796, the greatest quantity of land, not less than three acres, with those kinds of Willows, commonly known by the names of Osier, Spaniard, or New-kind, fit for the purpose of basket-makers, not fewer than twelve thousand plants on each acre; the GOLD MEDAL or TWENTY GUINEAS.

51. For the second greatest quantity of land, not less than two acres, the SILVER MEDAL, or TEN GUINEAS.

CERTIFICATES of the planting, and that the plants were in a thriving state five months at least after the planting, to be produced on or before the last Tuesday in November, 1796.

52, 53. The same premiums are extended one year further.

CERTI-

16      AGRICULTURE.

CERTIFICATES to be produced on or before the last Tuesday in November, 1797.

54. ALDER. For having planted, in the year 1793, the greatest number of Alders, not less than three thousand, on an estate the property of one person; the GOLD MEDAL.

CERTIFICATES of the number of plants, and that they were in a thriving state two years at least after being planted, to be delivered to the Society on or before the last Tuesday in December, 1796.

55. The same premium is extended one year further.

CERTIFICATES to be delivered on or before the last Tuesday in December, 1797.

56. The same premium is extended one year further.

CERTIFICATES to be delivered on or before the last Tuesday in December, 1798.

57. The



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57. The same premium is extended one year further.

CERTIFICATES to be delivered on or before the last Tuesday in December, 1799.

58. ASH. For having sown or set, in the year 1793, the greatest quantity of land, not less than six acres, with Ash for timber, with or without seeds, cuttings, or plants of such other trees as are adapted to the soil; the GOLD MEDAL.

59. For the next greatest quantity, not less than four acres, the SILVER MEDAL.

CERTIFICATES of the sowing or setting agreeably to the above conditions, that there are not fewer than one hundred Ash plants on each acre, in a thriving and healthy condition, two years at least after the sowing or setting, with a general account of the methods used in making the plantation, to be delivered to the Society on

C

or

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or before the last Tuesday in December,  
1796.

60, 61. The same premiums are extended one year further.

CERTIFICATES to be delivered on or before the last Tuesday in December,  
1797.

62, 63. The same premiums are extended one year further.

CERTIFICATES to be delivered on or before the last Tuesday in December,  
1798.

64, 65. The same premiums are extended one year further.

CERTIFICATES to be delivered on or before the last Tuesday in December,  
1799.

66, 67. The same premiums are extended one year further.

CER-

## AGRICULTURE. 17

CERTIFICATES to be delivered on or before the last Tuesday in December, 1800.

68. TIMBER-TREES. To the person who shall have inclosed, planted, or sown, the greatest number of acres, not less than ten, with the best sorts of Forest-trees adapted to the soil, for timber, between the first of October, 1792, and the first of May, 1794; the GOLD MEDAL.

An account of the methods used in making the plantations, and of the nature of the soil, together with proper Certificates that the trees were in a thriving and healthy state two years at least after making the plantation, to be delivered to the Society on or before the first Tuesday in November, 1796.

69. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be delivered to the Society on or before the first Tuesday in November, 1797.

70. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be delivered to the Society on or before the first Tuesday in November, 1798.

71. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be delivered to the Society on or before the first Tuesday in November, 1799.

N. B. With the above Forest-trees, the seeds, cuttings, or plants, of such other trees as are adapted to the soil, and proper for underwood, may or may not be intermixed.

72. PLANTING ORCHARDS. To the person who shall plant an Orchard  
after

## AGRICULTURE. 21

after the month of August in the year 1796, in the most judicious manner, not less than four acres, the GOLD MEDAL, or FIFTY GUINEAS.

73. For the next in merit, the SILVER MEDAL, or THIRTY GUINEAS.

The proof of the value of the improvement of the Orchard shall depend on the clear product of the greatest quantity of fine marketable fruit, to be produced during three successive years after the year 1812, and sold at any public market in England or Wales. Each Person who proposes to become a Candidate for these Premiums must send an account of the number of trees, their culture, pruning, and every circumstance which can in the least throw any light upon the subject; which information will be registered, with a view to form a system of rational culture.

74. And that Gentlemen may be induced to come forward, and make and preserve

such plantations,—The person who can produce an ORCHARD which, at the end of three years after planting, shall shew the greatest promise of success, shall be entitled to the GOLD MEDAL, or THIRTY GUINEAS.

The merits of the two first-mentioned Premiums being to be ascertained by the fruit ; the merit of the third Premium must be ascertained by the judicious number of trees planted, the straightness, clearness, and freedom of growth of the several trees ; and that all the young branches run free, and at due distances from each other, without any galling or canker.

CERTIFICATES of the forming the Orchard, the soil and aspect of the plantation, the sale and product of the fruit for which the claims for the Premiums, Classes 72 and 73, are intended to be made, must be delivered to the Society on or before the first Tuesday in November, 1815 ; and the Certificate in claim of the Premium,  
Class

## AGRICULTURE. 23

Clafs 74, must be delivered to the Society on or before the first Tuesday in November, 1799.

*N. B.* However expert the Orchardist may be in general information and attention, much will depend on soil, exposure, culture, and an easy communication to convey the fruit to market ; for every field, however valuable in other respects, may not be proper for an Orchard.

Any wood the Orchardist may choose to raise for shelter to such plantation, is not to be measured as part of the Orchard, as the wood will more than support its own expence.

75, 76, 77. The foregoing Premiums for Orchards, from Clafs 72 to Clafs 74, inclusive, are extended one year further. The claims for the Premiums, Classes 72 and 73, to be delivered to the Society on or before the first Tuesday in November, 1816 ; and the Certificate in claim of the  
C 4 Premium,

Premium, Class 74, must be delivered on or before the first Tuesday in November, 1800.

*\*.\* The Candidates for planting all kinds of Trees are to certify, that the respective Plantations are properly fenced and secured, and particularly to state the condition the plants were in at the time of signing such Certificates.*

*Any information which the Candidates for the foregoing Premiums may choose to communicate, relative to the methods made use of in forming the Plantation, or promoting the growth of the several Trees, or any other observations that may have occurred on the Subject, will be thankfully received.*

78. SECURING PLANTATIONS OF TIMBER-TREES. To the person who shall give to the Society the most satisfactory Account, founded on experience, of the most effectual and least expensive method of securing young plantations of timber-trees, from Hares and Rabbits,



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Rabbits, as well as sheep and larger cattle, which at the same time shall be least subject to the depredations of wood-stealers, the SILVER MEDAL, or TWENTY GUINEAS.

The ACCOUNTS, and CERTIFICATES of the efficacy of the method, to be produced to the Society on or before the first Tuesday in November, 1796.

79. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced on or before the first Tuesday in November, 1797.

80. TREES FOR USE WHEN EXPOSED TO THE WEATHER. To the person who shall send the most satisfactory account and certificate, verified by experiments, to determine which of the following trees is of the greatest utility for timber or poles, for use, when exposed to the weather, *viz.*

Larch,

Larch,	Ash,
Black Poplar,	Beech,
Spanish Chestnut,	Silver Fir,
Willow,	Lombardy Poplar ;
Alder,	

the GOLD MEDAL.

THE ACCOUNTS and CERTIFICATES to be produced on or before the second Tuesday in December, 1796.

81. PREVENTING THE BLIGHT ON FRUIT-TREES. To the person who shall discover to the Society the best and most effectual method of preventing the Blight on Fruit-trees, superior to any hitherto known or practised, and verified by actual and comparative experiments, the GOLD MEDAL, or THIRTY GUINEAS.

The ACCOUNTS, with proper CERTIFICATES, to be delivered to the Society on or before the second Tuesday in November, 1796.

82. The same premium is extended one year further.

The

The ACCOUNTS and CERTIFICATES to be delivered on or before the second Tuesday in November, 1797.

83. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be delivered on or before the second Tuesday in November, 1798.

*N. B.* It is expected that the above-mentioned comparative experiments have been made during three successive seasons, and in the same aspect and soil; and that, contiguous to them, other trees of the same kind with those for which the claim is made, have suffered in consequence of the method not having been made use of to them.

84. TAKING OFF THE ILL EFFECTS OF BLIGHTS. To the person who shall discover to the Society the best and most effectual method of taking off the ill effects of Blights on Fruit-trees, superior  
to

to any hitherto known or practised, and verified by actual and comparative experiments, The GOLD MEDAL, or THIRTY Guineas.

The ACCOUNTS and CERTIFICATES to be delivered to the Society on or before the first Tuesday in February, 1797.

85. COMPARATIVE CULTURE OF WHEAT. For the best set of experiments, made on not less than eight acres, four of which to be sown broad-cast, and four drilled, to ascertain whether it is most advantageous to cultivate wheat by sowing it in the common broad-cast way, or by drilling it in equidistant rows, hoeing the intervals; the GOLD MEDAL, or the SILVER MEDAL and TWENTY GUINEAS.

It is required that an account of the expence attending each mode of culture, with proper CERTIFICATES of the nature and condition of the land on which the experiments are made, together with an account of the produce of the Corn, be produced  
to

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to the Society on or before the first Tuesday in February, 1797.

86. **COMPARATIVE CULTURE OF WHEAT.** For the best set of experiments, made on not less than eight acres of land, four of which to be sown broadcast, and four dibbled, to ascertain whether it is most advantageous to cultivate Wheat by sowing it in the common broadcast way, or by dibbling it in equidistant rows, hoeing the intervals; the **GOLD MEDAL**, or the **SILVER MEDAL** and **THIRTY GUINEAS**.

It is required that an account of the expence attending each mode of culture, with proper Certificates of the nature and condition of the land on which the experiments are made, together with an account of the produce of the Corn, be produced to the Society on or before the first Tuesday in February, 1797.

87. **BEANS AND WHEAT.** To the person who shall have planted or drilled,  
4 between

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between the first of December, 1794, and the first of April, 1795, the greatest quantity of land, not less than ten acres, with Beans, and shall have sown the same land with Wheat in the same year, 1795 ;  
TWENTY GUINEAS.

It is required that an account of the sort and quantity of Beans, the time of planting or drilling, and of reaping or mowing them, the produce per acre threshed, the application of the straw, the expence of planting or drilling, hand or horse hoeing, the distance of the rows, and the quality of the soil, together with CERTIFICATES of the number of acres, and that the land was actually sown with Wheat in the year 1795, be produced on or before the first Tuesday in November, 1796.

*N. B.* The Society have been informed, that Beans may be drilled or planted so early as the month of December, from whence may be derived the advantage of an early harvest ; in which case the straw will be  
far

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far more valuable than that from a later planting or drilling.

88. The same premium is extended one year further.

The ACCOUNTS to be produced on or before the first Tuesday in November, 1797.

89. The same premium is extended one year further.

The ACCOUNTS to be produced on or before the first Tuesday in November, 1798.

90. TURNEPS. For the best account of experiments made on at least six acres of land, to determine the comparative advantage of the drill or broad-cast method in the cultivation of Turneps; the GOLD MEDAL, or the SILVER MEDAL and TEN GUINEAS.

The ACCOUNTS, with proper CERTIFICATES, to be delivered on or before the third Tuesday in March, 1797.

It

It is required that one half of the land be drilled, and the other half sown broadcast.

91. VEGETABLE FOOD. For the best account, confirmed by experiments, of the Vegetable Food (Cabbages and Turneps excepted), growing in the months of March and April, that will most increase the milk in Mares, Cows, and Ewes, at that season; provided such food can be cultivated at an expence that will admit of its being applied to the above purposes; the GOLD MEDAL, or the SILVER MEDAL and TEN GUINEAS.

CERTIFICATES to be produced on or before the second Tuesday in November, 1796.

92. The same premium is extended one year further.

CERTIFICATES to be produced on or before the second Tuesday in November, 1797.



• 93. TURNEP-ROOTED CABBAGE.

For having raised, and duly cultivated, Turnep-rooted Cabbage, in the year 1795, for the feeding Cattle or Sheep, on the greatest number of acres, not less than ten, and giving an account of the soil, culture, expence, time and manner of feeding off, produce, and the effects on Cattle or Sheep fed with it; the GOLD MEDAL, or THIRTY GUINEAS.

94. For the next greater number of acres, not less than five, the SILVER MEDAL and TEN GUINEAS.

CERTIFICATES of the quantity of land, with the accounts, to be produced on or before the last Tuesday in October, 1796.

95. INCREASED CULTURE OF POTATOES. To the person who, in the year 1796, shall grow the greatest weight of Potatoes fit for the table, per acre, on the greatest quantity of land, not less than fifty acres, such land not having been planted

D with

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with Potatoes within the last ten years; the  
GOLD MEDAL, or THIRTY GUINEAS.

96. For the greatest weight per acre,  
on the next greatest quantity of land, not less  
than twenty-five acres, the SILVER ME-  
DAL, or FIFTEEN GUINEAS.

97. For the greatest weight per acre,  
on the next greatest quantity of land, not  
less than five acres, TEN GUINEAS.

CERTIFICATES of the quantity of land,  
and nature of the soil, with full accounts of  
the method of Culture and weight of Pota-  
toes produced, to be delivered to the Society,  
on or before the third Tuesday in January,  
1797.

98. POTATOES FOR FEEDING  
CATTLE AND SHEEP. To the per-  
son who, in the year 1795, shall have  
cultivated the greatest quantity of land, not  
less than four acres, with Potatoes, for the  
purpose of feeding Cattle and Sheep; the  
GOLD MEDAL, or THIRTY GUINEAS.

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## AGRICULTURE. 35

CERTIFICATES, with satisfactory Accounts of the expence and manner of cultivating the Potatoes, and the application of them to the above purposes only, and the success that has attended the use of them, to be delivered to the Society on or before the second Tuesday in November, 1796.

99. The same premium is extended one year further.

CERTIFICATES to be delivered on or before the second Tuesday in November, 1797.

*N. B.* Should any Gentleman have already cultivated Potatoes for the purposes mentioned in the above advertisement, any information from him on the subject will be thankfully received by the Society.

100. CULTIVATING ROOTS AND HERBAGE FOR FEEDING SHEEP, AND BLACK CATTLE. For the most satisfactory experiments, made between  
D 2 Michaelmas,

36      AGRICULTURE.

Michaelmas, 1795, and the first of May, 1796, in order to ascertain which of the following plants can be cultivated and housed, or otherwise secured for winter-fodder, to the greatest advantage, *viz.*

Turnep-rooted Cabbage,	Carrots,
Turnep Cabbage,	Parfneps,
Turneps,	Potatoes ;

the GOLD MEDAL.

The ACCOUNTS, with proper Certificates, to be produced on or before the first Tuesday in November, 1796.

It is required that the above roots be taken off the land by the last day of October, 1795 ; that a crop of Wheat may be sown in the same ground, and the particulars of the sowing and planting, taking up, produce, preserving, and application to the feeding Sheep and Black Cattle, be specified. The comparative experiments must be made between two or more of any of the above-mentioned plants, and not less than one acre be cultivated with each particular kind of plant.

N. B.

*N. B.* Great advantage will arise to the Farmer occupying land in the neighbourhood of extensive commons, from the convenience of keeping large flocks of Sheep, and herds of Cattle, if the difficulty of supporting them through the winter was obviated by a due knowledge of this practice.

101. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in November, 1797.

102. PARSNEPS. To the person who, in the year 1796, shall cultivate the greatest quantity of land, not less than five acres, with Parsneps, for the sole purpose of feeding Cattle or Sheep; the GOLD MEDAL, or THIRTY GUINEAS.

CERTIFICATES of the quantity of land so cultivated, with a particular account of the nature and quality of the soil and produce,

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duce, and also of the condition of the Cattle or Sheep fed with the Parsneps, and the advantages resulting from the practice, to be produced to the Society on or before the second Tuesday in February, 1797.

103. The same premium is extended one year further. The CERTIFICATES and ACCOUNTS to be produced on or before the second Tuesday in February, 1798.

104. MAKING HAY IN WET WEATHER. To the person who shall discover to the Society the best and cheapest method, superior to any hitherto practised, of making Hay in wet weather, the GOLD MEDAL, or THIRTY GUINEAS.

A full Account of the method employed, and of the expence attending the process, with not less than fifty-six pounds of the hay ; and Certificates that at least the produce of six acres of land has been made according to the method described, and that the whole is of equal quality with the  
samples ;

samples ; to be produced on or before the first Tuesday in January, 1797.

105. The same premium is extended one year further.

The SAMPLES and CERTIFICATES to be produced on or before the first Tuesday in January, 1798.

106. CULTIVATING THE TRUE RHUBARB. For having raised, before the end of the year 1796, the greatest number of plants, not less than six hundred, of *Rheum Palmatum*, or true Rhubarb, the GOLD MEDAL.

107. For the next greatest number, not less than four hundred plants, the SILVER MEDAL.

CERTIFICATES of the number of plants, that they stand at least four feet asunder, that they have been in a thriving state during the preceding summer, with an account of the soil, culture, and aspect, to be pro-

duced on or before the second Tuesday in February, 1797.

108. ASCERTAINING THE COMPONENT PARTS OF ARABLE LAND. To the person who shall produce to the Society the most satisfactory set of experiments, to ascertain the due proportion of the several component parts of Arable Land, in one or more counties in Great Britain, by an accurate analysis of it; and who, having made a like analysis of some poor land, shall, by comparing the component parts of each, and thereby ascertaining the deficiencies in the poor soil, improve a quantity of it, not less than one acre, by the addition of such parts as the former experiments shall have discovered to be wanting therein, and therefore probably the cause of its sterility; the GOLD MEDAL, or FIFTY GUINEAS.

It is required that the manurings, ploughings, and crops of the improved land, be the same after the improvement as before;  
and



and that a minute account of the produce in each state, of the weather, and of the various influencing circumstances, together with the method made use of in analysing the soils, be produced, with proper CERTIFICATES, and the chemical results of the analysis, which are to remain the property of the Society, on or before the last Tuesday in November, 1796.

It is expected that a quantity, not less than six pounds, of the rich, of the poor, and of the improved soils, be produced with the Certificates.

*N. B.* Among the methods or processes made use of by Chemists, and called DRY or MOIST, the latter only appears adapted to the ascertaining the respective proportions of the component parts of Arable earth.—Dr. Shaw, in his Chemical Lectures; Dr. Home, in his Principles of Agriculture; Dr. George Fordyce, in his Elements of Agriculture; and Sir Torbern Bergman, in his “*Dissertation sur les*  
Terrés

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Terres Géoponiques ;" have treated on these subjects.

109. The same premium is extended one year further.

The ACCOUNTS to be produced on or before the last Tuesday in November, 1797.

110. The same premium is extended one year further.

The ACCOUNTS to be produced on or before the last Tuesday in November, 1798.

III. DRAINING LAND. To the person who, in the year 1796, shall have made the greatest number of yards, not fewer than one thousand, of Hollow Drain, of brick, stone, or such like durable materials, with a clear passage for the water, of not less than six inches wide, for the improvement of land injured by water arising

arising from internal springs; the GOLD MEDAL, or THIRTY GUINEAS.

Particular accounts of the nature, quality, spontaneous produce, and yearly value of the Land before draining, and the supposed value afterwards; the nature and texture of the under-strata whence the springs arise; the depth and width of the drains; the quantity of supposed water discharged; the expence of labour and materials per yard, in length, when finished; a sketch or plan of all the drains, and their several inclinations and distances from each other; with CERTIFICATES of the number of acres drained, and that the land was actually wet and springy before draining, but dry and firm afterwards; to be produced to the Society on or before the third Tuesday in February 1797.

112. FORMING AND APPLYING WATER MEADOWS. To the person who shall produce to the Society the most satisfactory account, verified by practice, of

the principles on which Water Meadows should be formed ; and also point out the most valuable purposes to which they may be applied ; the GOLD MEDAL, or THIRTY GUINEAS.

The ACCOUNTS to be produced to the Society on or before the third Tuesday in February, 1797.

113. IMPROVING LAND LYING WASTE. For the best Account of a method of improving any of the following soils, being land lying waste or uncultivated, *viz.* Clay, Gravel, Sand, Chalk, Moor or Peat-earth and Bog ; verified by experiments on not less than fifty acres of land ; the GOLD MEDAL, or the SILVER MEDAL and TWENTY GUINEAS, for each.

114. For the next greatest quantity of land, not less than twenty-five acres, the SILVER MEDAL and TEN GUINEAS.

To

AGRICULTURE. 45

To be produced, with proper CERTIFICATES, on or before the second Tuesday in December, 1796.

The soil, manner of improvement, expence, and product, are required to be fully explained.

115, 116. The same premiums are extended one year further.

The ACCOUNTS to be produced on or before the second Tuesday in December, 1797.

117, 118. The same premiums are extended one year further.

The ACCOUNTS to be produced on or before the second Tuesday in December, 1798.

119. MANURES. For the most satisfactory set of experiments, to ascertain the comparative advantages of the following Manures, used as Top-dressings, on Grass or Corn Land, viz. Soot, Coal-Ashes, Wood-Ashes, Lime, Gypsum, Night-soil ;  
the

## 46      AGRICULTURE.

the GOLD MEDAL, or the SILVER MEDAL and TWENTY GUINEAS.

It is required that the above experiments be made between two or more of the above-mentioned Manures, and that not less than two acres of land be dressed with each Manure. An account of the nature of the soil, quantity and expence of the Manure, and crops, with CERTIFICATES, to be produced on or before the last Tuesday in February, 1797.

120. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced on or before the last Tuesday in February, 1798.

121. IMPROVING WASTE MOORS.  
For the improvement of the greatest number of acres of Waste Moor-Land, not less than one hundred, the GOLD MEDAL.

It is required that the land before improvement be absolutely uncultivated, and  
in

in a great measure useless ; that in its improved state it be inclosed, cultivated, and divided into fields, sufficient for the use and occupation of a tenant.

CERTIFICATES of the number of acres, of the quality of the Moor so improved, of the mode and expence of the improvement, the state it is in as to the proportion of grafs to arable, and the average value thereof, to be produced on or before the first Tuesday in February, 1797.

122. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in February, 1798,

123. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in February, 1799.

124. The same premium is extended one year further.

CERTI-

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CERTIFICATES to be produced on or before the first Tuesday in February, 1800.

125. GAINING LAND FROM THE SEA. To the person who shall produce to the Society an account of the best method, verified by actual experiment, of gaining Land from the Sea, not less than twenty acres, on the coast of England or Wales ; the GOLD MEDAL.

CERTIFICATES of the quantity of Land, and that the experiments were begun after the first of January, 1791, to be produced to the Society on or before the first Tuesday in October, 1796.

*N. B.* The Society have been credibly informed, that land has been gained on the coast of Holland, by fixing rows of whisps of straw upright in the sand, at about a foot distant from each other, or by fixing stakes at proper distances from each other, and wattling straw-bands between them.

126. The same premium is extended one year further.

CERTI-



AGRICULTURE. 49

CERTIFICATES to be produced on or before the first Tuesday in October, 1797.

127. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in October, 1798.

128. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in October, 1799.

129. MACHING FOR DIBBLING WHEAT. To the person who shall invent the best Machine, to answer the purpose of Dibbling Wheat, by which the holes for receiving the grain may be made at equal distances and proper depths, the grain regularly delivered therein, and effectually covered; the SILVER MEDAL, or TWENTY GUINEAS.

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The MACHINE, with CERTIFICATES that at least three acres have been dibbled by it, to be produced to the Society on or before the second Tuesday in January, 1797. Simplicity and cheapness in the construction will be considered as principal parts of its merit.

130. MACHINE TO ANSWER THE PURPOSE OF REAPING OR MOWING CORN. For inventing a Machine to answer the purpose of mowing or reaping Wheat, Rye, Barley, Oats, or Beans, by which it may be done more expeditiously and cheaper than by any method now practised, provided it does not shed the corn or pulse more than the methods in common practice, and that it lays the straw in such a manner as that it may be easily gathered up for binding ; the SILVER MEDAL, or TEN GUINEAS.

The MACHINE, with CERTIFICATES that at least three acres have been cut by it, to be produced to the Society on or before the second Tuesday in December, 1796.  
Simplicity

## AGRICULTURE. 51

Simplicity and cheapness in the construction will be considered as principal parts of its merit.

131. IMPROVED HOE. To the person who shall produce to the Society the most improved or best-constructed Horse or Hand Hoe, superior to any hitherto in use, for the purpose of clearing from weeds, and loosening the soil in the intermediate spaces of all crops of corn sown in equidistant rows, and which shall earth up the young plants at the same time ; the GOLD MEDAL, or TWENTY GUINEAS.

A HOE, with CERTIFICATES of its having been successfully used, to be produced to the Society on or before the first Tuesday in December, 1796.

132. The same premium is extended one year further.

The HOE, with CERTIFICATES, to be produced on or before the first Tuesday in December, 1797.

133. DESTROYING THE GRUB OF THE COCKCHAFER. To the person who shall discover to the Society an effectual method, verified by repeated and satisfactory trials, of destroying the Grub of the Cockchafer, or of preventing or checking the destructive effects which always attend Corn, Peas, Beans, and Turneps, when attacked by those insects; the GOLD MEDAL, or THIRTY GUINEAS.

The ACCOUNTS, with proper CERTIFICATES, to be produced on or before the first Tuesday in January, 1797.

134. DESTROYING THE WIRE-WORM. To the person who shall discover to the Society, an effectual method, verified by repeated and satisfactory trials, of destroying the insect called the Wire-worm, or of preventing or checking the destructive effects which always attend Corn, Beans, Peas, or Pulse, when attacked by those insects; the GOLD MEDAL, or THIRTY GUINEAS.

The

## AGRICULTURE. 53

The ACCOUNTS, with proper CERTIFICATES, to be produced to the Society on or before the first Tuesday in January, 1797.

135. DESTROYING THE FLY ON HOPS, AND CATERPILLARS ON FRUIT-TREES AND CULINARY PLANTS. To the person who shall discover to the Society an easy and efficacious method of destroying the Fly on Hops, and Caterpillars on Fruit-trees and culinary Plants, superior to any hitherto known or practised, the GOLD MEDAL or THIRTY GUINEAS.

ACCOUNTS and CERTIFICATES that the method has been effectually practised on not less than six acres of Hop-ground, or an Orchard or Garden of not less than two acres, to be delivered to the Society on or before the first Tuesday in February, 1797.

136. CURE OF THE ROT IN SHEEP. To the person who shall dis-

## 54 AGRICULTURE.

cover to the Society the best and most effectual method of preventing or curing the disease called the Rot in Sheep, verified by repeated and satisfactory experiments, the GOLD MEDAL, or THIRTY GUINEAS.

It is expected that the Candidates furnish accurate accounts of the nature, symptoms, and cure of the disease, together with the imputed cause thereof, and the actual or probable means of prevention, which, with proper CERTIFICATES, must be delivered to the Society on or before the first Tuesday in February, 1797.

137. PREVENTING AND CURING THE ILL EFFECTS OF THE FLY ON SHEEP. To the person who shall discover to the Society the most effectual method of preventing and curing the ill effects of the Fly on Sheep, the SILVER MEDAL, or THIRTY GUINEAS.

It is required that the method be ascertained by repeated experiments, and that a

## AGRICULTURE. 55

CERTIFICATE of its efficacy be delivered to the Society on or before the first Tuesday in December, 1796.

138. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be delivered to the Society on or before the first Tuesday in December, 1797.

139. PROTECTING SHEEP. To the person who, in the year 1797, shall protect the greatest number of Sheep, not fewer than five hundred, in bad seasons, by housing them in hovels, or sheds ; and give the most satisfactory account, verified by experiment, of the advantages arising from the practice of defending Sheep from the inclemency of the weather, by such hovels, or sheds ; TWENTY GUINEAS.

A particular account of the experiments made, with the advantages arising therefrom, together with the expence, and Certificates

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of its utility, to be produced to the Society on or before the first Tuesday in March 1798.

*N. B.* It is at the option of the Candidates to have their hovels fixed, or moveable; and it is required, that the CERTIFICATES shall specify the length of time the Sheep were under cover, and the manner in which they were maintained during that time; together with the general method of managing them in the said hovels.



*Premiums for Discoveries and Improvements  
in Chemistry, Dying, and Mineralogy.*

140. BARILLA. For the greatest quantity of Merchantable Barilla, not less than half a ton, made from Spanish Kali, or any other plant raised in great Britain, the GOLD MEDAL, or THIRTY GUINEAS.

A sample of not less than twenty-eight pounds, with a CERTIFICATE that half a ton has been made, to be produced on or before the first Tuesday in January, 1797.

141. PRESERVING SEEDS OF VEGETABLES. For the best method of preserving the seeds of Plants in a state fit for vegetation a longer time than has hitherto been practised, such method being superior to any known to the public, and verified by sufficient trial; to be communicated to the Society on or before the first  
Tues-

Tuesday in December, 1796; the GOLD MEDAL, or THIRTY GUINEAS.

142. The same premium is extended one year further; the ACCOUNTS to be produced on or before the first Tuesday in December, 1797.

143. METHOD OF SEPARATING THE SACCHARINE SUBSTANCE OF TREACLE IN A SOLID FORM. To the person who shall discover to the Society the best method of separating the Saccharine Substance of Treacle in a solid form, at such an expence as will render it advantageous to the public; the GOLD MEDAL, or FIFTY GUINEAS.

A quantity of the Saccharine Substance, so separated, in a solid form, not less than thirty pounds weight, with an account of the process, and CERTIFICATES that not less than one hundred weight has been prepared, to be produced to the Society on or before the first Tuesday in February, 1797.

144. The same premium is extended one year further.

SAMPLES and CERTIFICATES to be produced to the Society on or before the first Tuesday in February, 1798.

145. PRESERVING FRESH-WATER SWEET. To the person who shall produce to the Society the best account, verified by satisfactory trials, of an efficacious method of preserving Fresh-water sweet during long voyages, the GOLD MEDAL, or FIFTY GUINEAS.

ACCOUNTS, and full descriptions of the methods made use of, in order that it may be known that nothing injurious enters therein, to be produced to the Society, with at least thirty gallons of Water so preserved, and proper CERTIFICATES, on or before the last Tuesday in December, 1796.

146. The same premium is extended one year further.

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The ACCOUNTS and CERTIFICATES to be produced on or before the last Tuesday in December, 1797.

147. DESTROYING SMOKE. For the best account, ascertained by proper experiments, of a method of destroying or burning the Smoke of fires belonging to Steam-Engines, Furnaces employed in calcining or smelting Metals, or other large works, in order to prevent annoyance to the neighbourhood; to be produced on or before the first Tuesday in January, 1797; the GOLD MEDAL, or THIRTY GUINEAS.

148. The same premium is extended one year further.

The ACCOUNTS to be produced on or before the first Tuesday in January, 1798.

149. CONDENSING SMOKE. To the person who shall invent the best method by which the Smoke of Steam-Engines

gines, Brewhouses, Sugar-houses, or Furnaces, may be advantageously condensed and collected in the form of Tar, or some other useful material; the GOLD MEDAL, or FIFTY GUINEAS.

The ACCOUNTS, with proper CERTIFICATES of the method having been successfully employed, and specimens of the materials produced, to be delivered to the Society on or before the first Tuesday in December, 1796.

150. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced on or before the first Tuesday in December, 1797.

151. CANDLES FROM RESIN.  
To the person who shall discover to the Society the best method of so reducing the inflammable quality of Resin, as to adapt it to the purposes of making Candles fit for common use, at a price much inferior

rior to that of Candles made of Tallow only; the GOLD MEDAL, or THIRTY GUINEAS.

Six pounds at least of the Candles so prepared, with an ACCOUNT of the process, to be delivered to the Society on or before the first Tuesday in December, 1796.

152. REFINING WHALE OR SEAL OIL. For disclosing to the Society an effectual method of purifying Whale or Seal Oil from the glutinous matter that encrusts the wicks of lamps, and extinguishes the light, though fully supplied with oil; the GOLD MEDAL, or FIFTY GUINEAS.

It is required that the whole of the process be fully and fairly disclosed, in order that satisfactory experiments may be made by the Society, to determine the validity of the claim; and CERTIFICATES that not less than twenty gallons have been purified according to the process delivered in, together with two gallons of the oil  
in

## CHEMISTRY. 63

in its unpurified state, and two gallons so refined, be produced to the Society on or before the second Tuesday in February, 1797.

153. The same premium is extended one year further.

CERTIFICATES and SAMPLES to be produced on or before the second Tuesday in February, 1798.

154. CLEARING FEATHERS FROM THEIR ANIMAL OIL. To the person who shall discover to the Society the best and most expeditious method, superior to any hitherto practised, of clearing Goose-feathers from their offensive Animal Oil, for the use of upholders in making beds, cushions, &c. the GOLD MEDAL, or FORTY GUINEAS.

A quantity of such Feathers, unstripped, and so cleared, not less than forty pounds weight, with a full account of the process, to be produced to the Society on or before the first Tuesday in February, 1797.

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155. SUBSTITUTE FOR, OR PREPARATION OF, YEAST. For discovering to the Society an effectual Substitute for Yeast, or preparation of Yeast, which, after being kept six months, shall be fit for fermenting liquors, and raising bread; the GOLD MEDAL, or THIRTY GUINEAS.

Specimens of the Substitute, or of the Preparation of Yeast, sufficient for trials, together with a paper sealed up, and containing an account of the composition of the Substitute, or method of preparing the Yeast, to be produced on or before the last Tuesday in November, 1796.

156. PROOF SPIRIT. To the Distiller who in the year 1796 shall make the greatest quantity, not less than one hundred gallons, of a clean marketable Spirit, from articles not the food of man or cattle, equal in strength or quality to the Proof Spirit now in use, and at a rate not higher than the spirit produced from corn or molasses;



lasses; the GOLD MEDAL, or FIFTY GUINEAS.

Ten gallons of the spirit, together with proper CERTIFICATES, and a full account of the expence and mode of making it, to be produced to the Society on or before the first Tuesday in January, 1797.

157. STARCH. To the Starch-maker who, in the year 1796, shall make the greatest quantity, not less than two hundred weight of Starch, from materials not used as food for man; the GOLD MEDAL, or THIRTY GUINEAS.

Five pounds of the Starch so prepared, together with proper CERTIFICATES that the whole quantity is of the same quality, and with a full disclosure of the mode of making it, to be produced to the Society on or before the second Tuesday in January, 1797.

158. PRESERVING SALTED PROVISIONS FROM BECOMING RANCID OR RUSTY. To the person who  
F shall

66 CHEMISTRY.

shall discover to the Society the best, cheapest, and most efficacious method of preserving Salted Provisions from growing rancid or rusty; the GOLD MEDAL, or THIRTY GUINEAS.

A full description of the method, with proper CERTIFICATES that it has been found, on repeated trials, to answer the purpose intended, to be produced to the Society on or before the first Tuesday in February, 1797.

159. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced to the Society on or before the first Tuesday in February, 1798.

160. INCREASING STEAM. To the person who shall discover to the Society a method, verified by actual experiments, of increasing the quantity or the force of Steam, in Steam-Engines, with less fuel than is usually employed, provided that in

general the whole amount of the expences in using Steam-Engines may be considerably lessened; the GOLD MEDAL, or THIRTY GUINEAS.

To be communicated to the Society on or before the first Tuesday in January, 1797.

*N. B.* As it is well known there are methods of preventing the ebullition of liquids by the addition of particular matters in the boiling, it is submitted to the consideration of the ingenious, whether, by the addition of some matters, or by some mechanical operations, the boiling and evaporation may not be increased.

161. PREVENTING THE DRY-ROT IN TIMBER. To the person who shall discover to the Society the cause of the Dry-Rot in Timber, and disclose a certain method of prevention, superior to any hitherto known; the GOLD MEDAL, or THIRTY GUINEAS.

The ACCOUNTS of the cause, and method of prevention, confirmed by repeated experiments, to be produced to the Society on or before the second Tuesday in December, 1796.

162. The same premium is extended one year further.

The ACCOUNTS to be produced on or before the second Tuesday in December, 1797.

163. FINE BAR-IRON. To the person, in England or Wales, who shall make the greatest quantity of Bar-Iron, not less than ten tons, with Coak, from Coak Pigs, equal in quality to the best Iron imported from Sweden or Russia, and as fit for converting into Steel; the GOLD MEDAL.

SAMPLES, not less than one hundred weight, with CERTIFICATES that the whole quantity is of equal quality, to be produced to the Society on or before the first Tuesday in January, 1797.

164. The same premium is extended one year further.

SAMPLES and CERTIFICATES to be delivered on or before the first Tuesday in January, 1798.

165. METHOD OF PREPARING WHITE LEAD, WHICH SHALL NOT BE PREJUDICIAL. To the person who shall discover to the Society a method of preparing White Lead, in a manner that shall not be prejudicial to the health of the workmen employed either in making or using it, and will answer all the purposes for which White Lead is at present used ; the GOLD MEDAL, or FIFTY GUINEAS.

A quantity of the White Lead so prepared, with an account of the process made use of, and CERTIFICATES that not less than one ton has been manufactured in the same manner, to be produced to the Society on or before the second Tuesday in February, 1797.

166. SUBSTITUTE FOR THE BASIS OF PAINT. To the person who shall produce to the Society the best Substitute, superior to any hitherto known, for the Basis of Paint, equally proper for the purpose as the White Lead now employed; such substitute not to be of a noxious quality, and which may be afforded at a price not materially higher than that of White Lead; the GOLD MEDAL, or THIRTY GUINEAS.

A quantity of the Substitute, not less than fifty pounds weight, with an ACCOUNT of the process used in preparing it, and CERTIFICATES that at least one hundred weight has been manufactured, to be produced to the Society on or before the second Tuesday in November, 1796.

167. The same premium is extended one year further.

CERTIFICATES and ACCOUNTS to be produced on or before the second Tuesday in November, 1797.

168.

168. REFINING BLOCK TIN. To the person who shall discover to the Society the best method of purifying or refining *Block Tin*, in such manner as to render it fit for the finer purposes to which *Grain Tin* is now solely applied, and at an expence that shall not render it higher in price than *Grain Tin*; the GOLD MEDAL, or FIFTY GUINEAS.

CERTIFICATES that not less than three tons have been refined or purified, with a full detail of the process, and a quantity, not less than one hundred weight, of the Tin so refined, to be produced to the Society on or before the first Tuesday in November, 1796.

169. \* The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in November, 1797.

170. GLAZING EARTHENWARE WITHOUT LEAD. To the

F 4 person

person who shall discover to the Society the cheapest, safest, most durable, and most easily fusible Composition, fit for the purpose of glazing the ordinary kinds of Earthen Ware, without any preparation of Lead, and preferable to any hitherto in use; the GOLD MEDAL, or THIRTY GUINEAS.

SPECIMENS of the Ware so glazed, with proper CERTIFICATES of its having succeeded, and a SAMPLE of the materials made use of, to be produced to the Society on or before the first Tuesday in February, 1797.

171. PURIFYING BRACKISH WATER. To the person who shall discover to the Society the best and cheapest method, verified by actual experiment, of Purifying or Reducing Brackish Water, which frequently arises from New Wells, made in particular places, to a natural sweetness, fit for the use of families and for the purpose of cattle; the SILVER MEDAL, and FIFTEEN GUINEAS.



Satisfactory CERTIFICATES that such Brackish Water has been rendered perfectly sweet, and used by the family to which such Well may belong at least three months afterwards, with an account of the method made use of in purifying the same, to be delivered to the Society on or before the second Tuesday in February, 1797.

172. BLACK DYE ON COTTON. To the person who shall invent and produce to the Society a Black Dye on Cotton Yarn, superior to any hitherto known or in use; the GOLD MEDAL, or THIRTY GUINEAS.

A full ACCOUNT of the process, with CERTIFICATES that the cotton thus dyed stands washing with soap, and a SAMPLE of the yarn so dyed, not less than five pounds weight, to be produced to the Society on or before the first Tuesday in February, 1797.

173. PRESERVING IRON FROM RUST. To the person who shall invent and discover to the Society, a cheap composition

position, which shall effectually preserve wrought iron from rust; the GOLD MEDAL, or FIFTY GUINEAS.

A full description of the method of preparing the composition, with CERTIFICATES that it has stood at least two years unimpaired, and exposed to the atmosphere during the whole time, to be produced to the Society, with ten pounds weight of the composition, on or before the first Tuesday in January, 1799.

174. The same premium is extended one year further. The description and CERTIFICATES to be produced to the Society on or before the first Tuesday in January, 1800.

*Premiums for promoting the Polite Arts.*

175. HONORARY PREMIUMS FOR DRAWINGS. For the best Drawing of any kind, made with Water-Colours, Crayons, Chalk, Black Lead, Pen, Indian Ink, or Bister, by young Gentlemen under the age of twenty-one, sons or grandsons of Peers or Peereffes in their own right, of Great Britain or Ireland, to be produced on or before the first Tuesday in March, 1797; the HONORARY MEDAL of the Society IN GOLD.

176. The same IN SILVER for the next in merit.

177, 178. The same premiums will be given, on the like conditions, to young Ladies, daughters or grand-daughters of Peers, or Peereffes in their own right, of Great-Britain or Ireland.

76 POLITE ARTS.

179. HONORARY PREMIUMS FOR DRAWINGS. For the best Drawing of any kind, made with Water-colours, Crayons, Chalk, Black Lead, Pen, Indian Ink, or Bister, by young Gentlemen under the age of twenty-one ; to be produced on or before the first Tuesday in March, 1797; the GOLD MEDAL.

180. For the next in merit, the SILVER MEDAL.

181, 182. The same premiums will be given for Drawings by young Ladies.

*N. B.* As the foregoing Honorary Premiums are intended only for such of the Nobility and Gentry as may hereafter become patrons or patronesses of the Arts ; persons professing any branch of the Polite Arts, or any business dependent on the Arts of Design, or the sons or daughters of such persons, will not be admitted Candidates in these Classes.

*The*

*The following Premium (Class 183) is offered in conformity to the Will of the late John Stock, of Hampstead, Esq.*

183. DRAWING. For the best Drawing in perspective of the Water-gate at York-buildings, not less than eighteen inches high, to be produced on or before the third Tuesday in February, 1797, a SILVER MEDALLION, with the following engraved inscription: *The Premium given by the Society for the Encouragement of Arts, Manufactures, and Commerce, in conformity to the Will of John Stock, of Hampstead, Esq.* The Drawing to be left with the Society as their property.

184. DRAWINGS OF OUTLINES. For the best Outline, after an original group or cast, in plaster, of Human Figures, by persons of either sex, under the age of sixteen, the principal figure not less than twelve inches; to be produced on or before the third Tuesday in February, 1797; the greater SILVER PALLET.

185.

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185. For the next in merit, the lesser  
SILVER PALLET.

*N. B.* These drawings are to be made on Paper, with Chalk, Black Lead, Indian Ink, or Bister; and the original either to be produced to the Society, or to be referred to for their examination.

186. DRAWINGS OF LANDSCAPES. For the best Drawing of a Landscape after nature, by persons of either sex under twenty-one years of age, to be produced on or before the third Tuesday in February, 1797, the greater SILVER PALLET.

187. For the next in merit, the lesser  
SILVER PALLET.

Each Candidate must mention on the front of the Drawing, from whence the View was taken; and the Drawings must be made with Chalk, Pen, Indian Ink, Water-Colours, or Bister.

188. HISTORICAL DRAWINGS.  
For the best Historical Drawing, being an  
original

original composition, of five or more Human Figures ; the height of the principal figure not less than eight inches ; to be made with Crayons, Chalk, Black Lead, Pen, Indian Ink, Water-colours, or Bister, and to be produced on or before the third Tuesday in February, 1797 ; the GOLD PALLET.

189. For the next in merit, the greater SILVER PALLET.

190. SURVEYS OF COUNTIES. To the person who, in the year 1796, shall complete and publish an accurate Survey of any one County in England or Wales, on a scale of not less than one inch to a mile, for which rewards have not already been given by the Society ; the GOLD MEDAL, or FIFTY GUINEAS.

CERTIFICATES of the accuracy of the Survey, and that it was begun after the first of June, 1792, together with the Map, to be produced on or before the last Tuesday in January, 1797.

The

80 POLITE ARTS.

The Map to which the premium shall be adjudged, to remain the property of the Society.

*N. B.* The Society are already in possession of Surveys of the following Counties, viz. Bedford, Cornwall, Devonshire, Derbyshire, Cheshire, Durham, Somersetshire, Northumberland, Suffolk, Leicestershire, Cumberland, Lancashire, Dorsetshire, Hampshire, Gloucestershire, Herefordshire, Hertfordshire, Huntingdonshire, Northamptonshire, Nottinghamshire, Surrey, Suffex, Westmorland, and Worcestershire.

191. The same premium is extended one year further.

The Survey to be begun after the first of June, 1793; and the Map to be produced on or before the last Tuesday in January, 1798.

192. The same premium is extended one year further.

The



POLITE ARTS. 81

The Survey to be begun after the first of June, 1794; and the Map to be produced on or before the last Tuesday in January, 1799.

193. The same premium is extended one year further.

The Survey to be begun after the first of June, 1795; and the Map to be produced on or before the last Tuesday in January, 1800.

194. NATURAL HISTORY. To the Author who shall publish, in the year 1796, the Natural History of any County of England or Wales; the GOLD MEDAL, or FIFTY GUINEAS.

It is required that the several natural productions, whether animal, vegetable, or mineral, peculiar to the county, or found therein, be carefully and specifically arranged and described, in order that the Public may be enabled to judge what Arts or Manufactures are most likely to succeed in such County.

G

The

82      P O L I T E   A R T S .

The Work to be delivered to the Society on or before the last Tuesday in January, 1797.

195. The same premium is extended one year further.

The Work to be delivered to the Society on or before the last Tuesday in January, 1798.

196. The same premium is extended one year further.

The Work to be delivered to the Society on or before the last Tuesday in January, 1799.

C O N D I T I O N S .

No person who has gained the first premium in any Class, will be admitted a Candidate in a Class of an inferior age; and no Candidate shall receive more than one Premium in one year; nor will they who for two successive years shall gain the first Premium in one Class, be ever again admitted as Candidates in that Class.

No

No person shall ever be admitted a Candidate in any Class, in which he has three times obtained the whole of the first Premium.

No Candidate shall send in more than one Performance in any one Class.

All the Claims which are produced each Session before the Committee of Polite Arts, (to which Premiums or Bounties are adjudged) are to remain with the Society till after the public distribution of rewards in May.

No Claim for a Premium in the Polite Arts will be admitted, that has obtained, or has been produced in order to obtain, a Premium, Reward, or Gratification, from any other Society, or any Academy or School.

All Performances that obtain Premiums in the Polite Arts, must be begun after the publication of such Premiums.

Purposely to encourage real merit, and to prevent any attempts to impose on the Society, by producing Drawings which shall have been made or retouched by any

## 84 POLITE ARTS.

other person than the Candidate, the Society is resolved, upon all occasions, with respect to the successful Candidates in Classes 183 to 188 inclusive, to prove their abilities, by requiring a specimen made under the inspection of the Committee of Polite Arts, in every instance where such proof can be obtained.

It is required that all Candidates in the Polite Arts, do signify, on their Drawings, their age ; and whether the performances are originals, or copies ; and, if copies, whence they were taken.

*Premiums*

## MANUFACTURES. 85

### *Premiums for encouraging and improving Manufactures.*

197. SILK. For the greatest quantity of merchantable Silk, not less than ten pounds weight, produced by worms bred in England in the year 1796, the property of any one person ; the GOLD MEDAL.

198. For the second greatest quantity, not less than five pounds weight, the SILVER MEDAL.

SPECIMENS of the SILK, not less than one pound, with CERTIFICATES that the whole is of equal quality, and produced in England, to be delivered to the Society on or before the first Tuesday in January, 1797.

199. MACHINE FOR CARDING SILK. For the best Machine, superior to any now in use, for carding Waste Silk equally well as by hand ; to be produced, together with a specimen of the Cardings,

G 3 on

## 86 MANUFACTURES.

on or before the first Tuesday in November, 1796; the GOLD MEDAL, or THIRTY GUINEAS.

200. CLOTH FROM HOP-STALKS OR BINES. To the person who shall produce to the Society the greatest quantity, not less than thirty yards, of Cloth, at least twenty-seven inches wide, made in England or Wales, of Hop-Stalks or Bines, and superior to any hitherto manufactured in England of that material, the GOLD MEDAL, or THIRTY GUINEAS.

One pound of the Thread of which the Cloth is made, and thirty yards of the Cloth, together with proper CERTIFICATES that the whole is manufactured from Hop-Stalks or Bines, to be produced to the Society on or before the first Tuesday in December, 1796.

*N. B.* The Society are already in possession of Cloth made in England from Hop-Stalks or Bines, which may be inspected by application to the Register.

M N U F A C T U R E S. 87

201. WICKS FOR CANDLES OR LAMPS. To the person who shall discover to the Society a method of manufacturing Hop-Stalks or Bines, or any other cheap material, the growth of England or Wales, so as to render them fit for the purpose of supplying the place of Cotton, for Wicks of Candles or Lamps, TWENTY GUINEAS.

SAMPLES, not less than five pounds weight, of the Wicks, so prepared, to be produced to the Society, with CERTIFICATES that the whole quantity is equal in quality to the Sample produced, on or before the second Tuesday in January, 1797.

202. The same premium is extended one year further.

SAMPLES and CERTIFICATES to be produced on or before the second Tuesday in January, 1798.

203. PAPER FROM RAW VEGETABLE SUBSTANCES. To the per-

## 88 MANUFACTURES.

son in England or Wales who shall make the greatest quantity, not less than ten reams, of the best and most useful Paper, from Raw Vegetable Substances, **TWENTY GUINEAS.**

**CERTIFICATES** of the making such Paper, and one ream of the Paper, to be produced on or before the first Tuesday in November, 1796.

*N. B.* The Society are in possession of two volumes, containing a great variety of specimens of Paper made from Raw Vegetables, viz. Thistles, Potatoe-Haum, Poplar, Hop-bines, &c. which volumes may be inspected by any person, on application to the Register.

204. **MAINTAINING AND EMPLOYING THE POOR.** To the person who shall produce to the Society, the best practical and most æconomical Plan for the maintenance and employment of the Poor in Parish Workhouses, superior to any  
hitherto



MANUFACTURES. 89

hitherto generally known, the GOLD MEDAL, or FIFTY GUINEAS.

The Plans to be delivered to the Society on or before the first Tuesday in March, 1797.

*Premiums*

*Premiums for Inventions in Mechanicks.*

## 205. TRANSIT INSTRUMENT.

To the person who shall invent and produce to the Society a cheap and portable Transit Instrument, which may easily be converted into a Zenith Sector, capable of being accurately and expeditiously adjusted for the purpose of finding the Latitudes and Longitudes of places, and superior to any portable Transit Instrument now in use, the GOLD MEDAL, or FORTY GUINEAS.

To be produced on or before the last Tuesday in January, 1797.

206. TAKING WHALES BY THE GUN-HARPOON. To the person who, in the year 1796, shall strike the greatest number of Whales, not fewer than three, with the Gun-Harpoon, TEN GUINEAS.

Proper CERTIFICATES of the striking such Whales, and that they were actually taken in the year 1796, signed by the Master,  
or

or by the Mate when the Claim is made by the Master, to be produced to the Society on or before the last Tuesday in December, 1796.

207. The same premium is extended one year further.

CERTIFICATES to be produced on or before the last Tuesday in December, 1797.

208. DRIVING BOLTS INTO SHIPS. To the person who shall invent and produce to the Society a Model, shewing a method of driving Bolts into Ships, particularly those of Copper, without splitting the head or bending them, with more dispatch, in all directions, and tighter than by any means hitherto known or in use, the GOLD MEDAL, or FORTY GUINEAS.

The Model, with CERTIFICATES that a Machine on the same construction has been used to advantage, to be produced to  
the

92      M E C H A N I C K S.

the Society on or before the first Tuesday in February, 1797.

209. PORTABLE MACHINE FOR LOADING AND UNLOADING GOODS. To the person who shall produce an Invention to the Society, of the best, most simple, and portable Machine, superior to any hitherto known, or in use, for the purpose of loading and unloading goods; the GOLD MEDAL, or FORTY GUINEAS.

The Machine itself, or a Model of it, to be delivered to the Society on or before the first Tuesday in January, 1797.

210. PARISH, OR FAMILY MILL. To the person who shall invent and produce to the Society, the best constructed Mill for grinding corn for the use of private families, or parish poor; the construction to be such as to render the working of the Mill easy and expeditious, and superior to any hitherto in use; the GOLD MEDAL, or FORTY GUINEAS.

The

The Mill, and CERTIFICATES of its having been used to good effect, to be produced to the Society on or before the first Tuesday in February, 1797.

*N. B.* Cheapness and Simplicity will be considered as essential parts of its merit.

211. MACHINE FOR RAISING COALS, ORE, &c. &c. To the person who shall invent a Machine for raising Coals, Ore, &c. from Mines, which shall produce the effect at a less expence than those already known or in use; the GOLD MEDAL, or FIFTY GUINEAS.

A Model of the Machine, made on a scale of not less than one inch to a foot, to be produced to the Society on or before the second Tuesday in February, 1797.

212. MACHINE FOR RAISING WATER. To the person who shall invent a Machine on a better, cheaper, and more simple construction than any hitherto known or in use, for raising Water out of  
4 Wells,

Wells, &c. from a depth not less than fifty feet, the GOLD MEDAL, or FORTY GUINEAS.

CERTIFICATES of the performance of the Machine, and a Model of it, on a scale of not less than one inch to a foot, to be produced to the Society on or before the first Tuesday in February, 1797.

213. MACHINE FOR RAISING WATER TO FLOAT PASTURE LAND. To the person who shall produce to the Society a model of the best constructed Machine, for raising Water from a stream, for the purpose of floating Pasture Land; the GOLD MEDAL, or FORTY GUINEAS.

The Model to be produced to the Society on or before the third Tuesday in February, 1797, with CERTIFICATES that a Machine on the same construction, has been usefully employed for the above purposes.

The more simple the construction, and the less trouble and attendance the Machine requires,

requires, the greater merit will it be considered to possess.

214. PREVENTING WATER FREEZING IN PIPES. To the person who shall invent and discover to the Society a cheap and effectual Method, superior to any hitherto in use, for preventing the Water freezing in Pipes, serving to supply dwelling-houses or other buildings, the GOLD MEDAL, or THIRTY GUINEAS.

The ACCOUNTS, with proper CERTIFICATES of its having been tried with success, to be delivered to the Society on or before the first Tuesday in March, 1797.

215. IMPROVEMENT OF WHEEL-CARRIAGES. To the person who shall discover to the Society the principles, and point out the construction, upon which Wheel-carriages may be drawn with the least fatigue to the horse or horses employed, the GOLD MEDAL, or FIFTY GUINEAS.

The

96      M E C H A N I C K S.

The CLAIMS to be delivered to the Society on or before the second Tuesday in December, 1796.

216. PREVENTING HORSES TURNING ABOUT IN DRAWING WATER, &c. To the person who shall invent and produce to the Society a Model, on a scale of not less than one inch to the foot, shewing an easy, safe, and expeditious method to obviate the necessity of the horses employed in raising Water out of deep Wells, drawing Ore from Mines, or Coals from Pits, turning about at the time the Water, Ore, or Coal is delivered; the GOLD MEDAL, or FORTY GUINEAS.

The Model to be produced to the Society, with CERTIFICATES of a Machine on the same construction having been usefully employed, on or before the first Tuesday in February, 1797.

217. BORING ROCKS IN ORDER TO BLAST THEM. To the person  
who



who shall discover to the Society, a more cheap, simple, and expeditious Method than any hitherto known or in use, of Boring Rocks in Mines, Shafts, Wells, &c. for the purpose of Blasting them with Gunpowder, the GOLD MEDAL, or FORTY GUINEAS.

CERTIFICATES of the method having been practised with success, with a full description thereof, to be delivered to the Society on or before the first Tuesday in January, 1797.

218. *As the present method of cleansing Chimneys is attended with great hardships, and sometimes with fatal accidents to the children employed, and as the quantity of soot accumulated in Chimneys is frequently the occasion of Fires, the Society propose to give the following Premium.*

CLEANSING CHIMNEYS. To the person who shall invent and produce to the Society, the most simple, cheap, and proper  
H Apparatus,

Apparatus, superior to any hitherto known or in use, for cleansing Chimneys from Soot, and obviating the necessity of children being employed within the flues, in the manner now practised; the GOLD MEDAL, or FORTY GUINEAS.

The Apparatus, with CERTIFICATES of its having been used with proper effect, to be produced to the Society on or before the third Tuesday in February, 1797.

*Premiums offered for the Advantage of the  
British Colonies.*

219. NUTMEGS. For the greatest quantity of merchantable Nutmegs, not less than ten pounds weight, being the growth of his Majesty's dominions in the West Indies, or any of the British Settlements on the Coast of Africa, or the several Islands adjacent thereto, and equal to those imported from the Islands of the East Indies, the GOLD MEDAL, or ONE HUNDRED GUINEAS.

Satisfactory CERTIFICATES, from the Governor, or Commander in Chief, of the place of growth, with an account of the number of trees, their age, nearly the quantity of fruit on each tree, and the manner of culture, to be produced on or before the first Tuesday in December, 1796.

220. The same premium is extended one year further.

100 COLONIES AND TRADE.

CERTIFICATES to be produced on or before the second Tuesday in December, 1797.

221. CINNAMON. For importing into the port of London, in the year 1796, the greatest quantity, not less than twenty pounds weight, of Cinnamon, being the growth of some of the Islands in the West-Indies belonging to the Crown of Great-Britain, or any of the British Settlements on the Coast of Africa, or the several Islands adjacent thereto, and equal in goodness to the Cinnamon brought from the East-Indies, the GOLD MEDAL, or FIFTY GUINEAS.

SAMPLES, not less than two pounds weight, with CERTIFICATES that the whole quantity is equal in goodness; together with satisfactory CERTIFICATES, signed by the Governor, or Commander in Chief, of the place of growth, with an account of the number of trees growing on the spot, their age, and the manner of culture; to be produced to the Society, on

or before the first Tuesday in January, 1797.

222. The same premium is extended one year further.

The SAMPLES and CERTIFICATES to be produced on or before the first Tuesday in January, 1798.

223. CLOVES. For importing into the port of London, in the year 1797, the greatest quantity of Cloves, not less than twenty pounds weight, being of the growth of some of the Islands in the West-Indies, subject to the Crown of Great-Britain, or any of the British Settlements on the Coast of Africa, or the several Islands adjacent thereto, and equal in goodness to the Cloves brought from the East-Indies; the GOLD MEDAL, or FIFTY GUINEAS.

SAMPLES, not less than two pounds weight, with CERTIFICATES that the whole quantity is equal in goodness, together with satisfactory CERTIFICATES, signed

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by

102 COLONIES AND TRADE.

by the Governor, or Commander in Chief of the place of growth, with an account of the number of trees growing on the spot, their age, and the manner of culture, to be produced to the Society on or before the first Tuesday in January, 1798.

224. The same premium is extended one year further.

SAMPLES and CERTIFICATES to be produced on or before the first Tuesday in January, 1799.

225. PLANTATIONS OF BREAD-FRUIT TREE. To the person who shall have raised in any of the Islands of the West-Indies subject to the Crown of Great Britain, or in any of the British Settlements on the Coast of Africa, or the several Islands adjacent thereto, between the first of January, 1795, and the first of January, 1796, the greatest number of Bread-fruit Trees, not fewer than one hundred, and properly fenced and secured the same, in order to  
supply

COLONIES AND TRADE. 103

supply the Fruit to the Inhabitants, the GOLD MEDAL, or THIRTY GUINEAS.

Proper ACCOUNTS and CERTIFICATES, signed by the Governor or Commander in Chief, of the methods made use of in cultivating the Plants and securing the Plantation, and that the Trees are in a growing and thriving state at the time of signing such Certificates, to be produced to the Society on or before the first Tuesday in January, 1797.

226. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced on or before the first Tuesday in January, 1798.

227. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced on or before the first Tuesday in January, 1799.

104 COLONIES AND TRADE.

228. The same premium is extended one year further.

The ACCOUNTS and CERTIFICATES to be produced on or before the first Tuesday in January, 1800.

229. KALI FOR BARILLA. To the person who shall have cultivated, in the Bahama Islands, or any other part of his Majesty's dominions in the West Indies, or any of the British Settlements on the Coast of Africa, or the several Islands adjacent thereto, in the year 1793, the greatest quantity of land, not less than two acres, with Spanish Kali, fit for the purpose of making Barilla, the GOLD MEDAL, or THIRTY GUINEAS.

230. For the next greatest quantity, not less than one acre, the SILVER MEDAL, or FIFTEEN GUINEAS.

CERTIFICATES, signed by the Governor, or Commander in Chief for the time being, of the quantity of land so cultivated, and of the state of the Plants at the time  
of



COLONIES AND TRADE. 105

of signing such Certificates, to be delivered to the Society on or before the second Tuesday in November, 1796.

231, 232. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the second Tuesday in November, 1797.

233, 234. The same premiums are extended one year further.

CERTIFICATES to be produced on or before the second Tuesday in November, 1798.

235. DISCOVERY OF A PASSAGE BY LAND FROM UPPER CANADA TO THE SOUTH SEA. To the person who shall first discover a Passage by Land, from the north-west parts of Upper Canada to the South Sea, between Nootka Sound and the Straits of Kamtschatka, or to the navigable part of any River that dis-  
embogues

106 COLONIES AND TRADE.

embogues itself into the South Sea within those limits; the GOLD MEDAL.

Such discovery to be ascertained by a CERTIFICATE under the hand and seal of the Governor, or Commander in Chief for the time being, of the said province of Upper Canada.

236. DESTROYING THE INSECT COMMONLY CALLED THE BORER. To the person who shall discover to the Society an effectual method of destroying the Insect commonly called the BORER, which has of late years been so destructive to the Sugar-Canes in the West-India Islands, or in any of the British Settlements on the Coast of Africa, or the several Islands adjacent thereto, the GOLD MEDAL, or FIFTY GUINEAS.

The Discovery to be ascertained by satisfactory CERTIFICATES, under the hand or seal of the Governor or Commander in Chief for the time being, and of some other respectable persons, inhabitants of the  
Islands

COLONIES AND TRADE. 107

Islands, or other place, in which the remedy has been successfully applied; such CERTIFICATES to be delivered to the Society on or before the first Tuesday in January, 1797.

237. The same premium is extended one year further.

CERTIFICATES to be delivered on or before the first Tuesday in January, 1798.

238. BOTANIC GARDEN IN THE BAHAMA ISLANDS. To the person who, before the first of January, 1795, shall have set apart, and properly fenced and cultivated, the greatest quantity of ground, not less than five acres, in any of the Bahama Islands, as a Botanic Garden, for the purpose of making experiments in the culture of those articles which are the peculiar production of the tropical climates, and which may tend to promote the commerce and manufactures of this country; the GOLD MEDAL, or ONE HUNDRED GUINEAS.

It

108 COLONIES AND TRADE.

It is required that any person claiming the foregoing premium, should produce to the Society, on or before the first Tuesday in January, 1797, a CERTIFICATE from the Governor or Commander in Chief of the Bahama Islands for the time being, of his having complied with the above requisitions, and that the Garden is in a proper state of culture at the time of signing such Certificate.

239. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in January, 1798.

240. The same premium is extended one year further.

CERTIFICATES to be produced on or before the first Tuesday in January, 1799.

Society's

Society's Office, Adelphi, June 1, 1796.

Ordered,

THAT THE SEVERAL CANDIDATES AND CLAIMANTS TO WHOM THE SOCIETY SHALL ADJUDGE PREMIUMS OR BOUNTIES, DO ATTEND AT THE SOCIETY'S OFFICE IN THE ADELPHI, ON THE LAST TUESDAY IN MAY, 1797, AT TWELVE O'CLOCK AT NOON, TO RECEIVE THE SAME; THAT DAY BEING APPOINTED BY THE SOCIETY FOR THE DISTRIBUTION OF THEIR REWARDS: AND BEFORE THAT TIME NO PREMIUM OR BOUNTY WILL BE DELIVERED, EXCEPTING TO THOSE WHO ARE OUT OF THE KINGDOM, OR PREVENTED BY UNAVOIDABLE ACCIDENTS.

IN CASES WHERE THE SOCIETY MAY THINK FIT TO ADMIT EXCUSES FOR NOT ATTENDING IN PERSON, DEPUTIES MAY BE SUBSTITUTED TO RECEIVE THE REWARDS, PROVIDED SUCH DEPUTIES ARE EITHER MEMBERS OF THE SOCIETY, OR THE SUPERIOR OFFICERS THEREOF.

GENERAL

## GENERAL CONDITIONS.

**NOTWITHSTANDING** the Society reserve to themselves the power of giving, in all cases, such part only of any Premium as the Performance shall be adjudged to deserve, or of withholding the whole, if there be no merit; yet the Candidates may be assured the Society will always judge liberally of their several claims.

It is required that the matters for which Premiums are offered, be delivered in without names, or any intimation to whom they belong; that each particular thing be marked in what manner each Claimant thinks fit, such Claimant sending with it a paper sealed up, having on the outside a corresponding mark, and on the inside the Claimant's name and address: and all Candidates are to take notice, that no claim for a Premium will be attended to, unless the conditions of the Advertisement are fully complied with.

No

## GENERAL CONDITIONS. 111

No Papers shall be opened, but such as shall gain Premiums, unless where it appears to the Society, absolutely necessary for the determination of the Claim; all the rest shall be returned unopened, with the Matters to which they belong, if inquired after by the Mark, within two years; after which time, if not demanded, they shall be publicly burnt, unopened, at some meeting of the Society.

All Models of Machines, which obtain Premiums or Bounties, shall be the property of the Society.

All the Premiums of this Society are designed for Great Britain, unless expressly mentioned to the contrary.

The Claims shall be determined as soon as possible after the delivery of the specimens.

No person shall receive any Premium Bounty, or Encouragement, from the Society, for any matter for which he has obtained, or proposes to obtain, a patent.

A Candidate for a Premium, or a person applying for a bounty, being detected in  
any

## 112 GENERAL CONDITIONS.

any disingenuous method to impose on the Society, shall forfeit such Premium or Bounty, and be deemed incapable of obtaining any for the future.

The Performances which each year obtain Premiums or Bounties, are to remain with the Society until after the public distribution of Rewards.

No member of this Society shall be a Candidate for, or entitled to receive, any Premium, Bounty, or Reward whatsoever, except the Honorary Medal of the Society.

Where Certificates are required to be produced in claim of Premiums, they should be expressed, as nearly as possible, in the words of the respective advertisements, and should not be from the Candidate (solely), but from some other person or persons who have a positive knowledge of the facts certified.

Where Premiums or Bounties are obtained in consequence of specimens produced, the Society mean to retain such part of those specimens as they may judge necessary,



## GENERAL CONDITIONS. 113

cessary, making a reasonable allowance for the same.

No candidates shall be present at any meetings of the Society or Committees, or admitted at the Society's Rooms, after they have delivered in their Claims, until such Claims are adjudged, unless summoned by the Committee.

*N.B.* Any information or advice that may forward the designs of this Society for the public good, will be received thankfully, and duly considered, if communicated by letter, addressed to the Society, and directed to Mr. MORE, the Secretary, at the Society's Office, in the Adelphi Buildings, London.

## 114 GENERAL CONDITIONS.

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\* \* In case any person should be inclined to leave a sum of money to this Society, by will, the following form is offered for that purpose :

*Item.* I give and bequeath unto A. B. and C. D. the sum of                      upon condition and to the intent that they, or one of them, do pay the same to the Collector for the time being, of a Society in London, who now call themselves the Society for the Encouragement of Arts, Manufactures, and Commerce ; which said sum of                      I will and desire may be paid out of my personal estate, and applied towards the carrying on the laudable designs of the Society.

By order of the Society,

SAMUEL MORE, Secretary.